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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Choo et al.

Serial No.: 09/863,650

Art Unit: To be assigned

Filed: May 22, 2001

Examiner: To be assigned

For: *Apparatus and Method for
Implementing Efficient Arithmetic
Circuits In Programmable Logic
Devices*

Attorney Docket No.: 9818-038-999

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COMMUNICATION

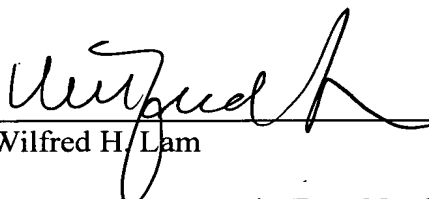
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants submit herewith a Power of Attorney executed by Assignee in connection with the above captioned patent application.

Applicants believe that no fee is due with this submission. However, if it is determined that a fee is due, please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150 (order no. 9818-038-999). A copy of this sheet is enclosed.

Respectfully submitted,

Dated: July 23, 2001
Wilfred H. Lam 41,923
(Reg. No.)

For Francis E. Morris (Reg. No. 24,615)
Pennie & Edmonds LLP
3300 Hillview Avenue
Palo Alto, CA 94304



POWER OF ATTORNEY BY ASSIGNEE

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To the Assistant Commissioner for Patents:

The undersigned assignee of the entire interest in an application for Letters Patent entitled:
Apparatus and Method for Implementing Efficient Arithmetic Circuits in Programmable Logic Devices, and having the named inventor/s:

Chang Choo and Asher Hazanchuk

hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 1.32: S. Leslie Misrock (Reg. No. 18872), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), William S. Galliani (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Alan Tenenbaum (Reg. No. 34939), Michael J. Lyons (Reg. No. 37,386), Garland T. Stephens (Reg. No. 37,242) and William J. Sipio (Reg. No. 34,514), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith;

and Derek Miniham, Reg. No. 39,774; and Jim Wu, Reg. No. 45,241, of Altera Corporation.

In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Direct all telephone calls to Francis E. Morris at (650) 493-4935. Address all correspondence to:

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Date:

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By:

Name:

Katherine E. Schuelke

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Assistant General Counsel and Assistant Secretary